

STATE OF CALIFORNIA SOLID WASTE FACILITY PERMIT

1. Facility/Permit Number:

36-AA-0055

2. Name and Street Address of Facility:

MID- VALLEY (FONTANA) LANDFILL
30 BOHNERT AVE
RIALTO, CALIFORNIA 92336

3. Name and Mailing Address of Operator:

COUNTY OF SAN BERNARDINO
SOLID WASTE MANAGEMENT DEPT.
222 E. HOSPITALITY LN, 2ND FLOOR
SAN BERNARDINO, CA 92415-0017

4. Name and Mailing Address of Owner:

COUNTY OF SAN BERNARDINO
SOLID WASTE MANAGEMENT DEPT
222 E. HOSPITALITY LN, 2ND FLOOR
SAN BERNARDINO, CA 92415-0017

5. Specifications:

a. Permitted Operations:

- ☐ Composting Facility (mixed wastes) ☐ Processing Facility
☐ Composting Facility (yard waste) ☐ Transfer Station
☒ Landfill Disposal Site ☐ Transformation Facility
☐ Material Recovery Facility ☐ Other: _____

b. Permitted Hours/Days of Operation:

OPEN TO THE PUBLIC:

7:00 AM TO 5:00 PM - Monday through Friday, and 8:00 AM TO 5:00 PM on Saturday -
306 days/year- Site closed Sundays, New Year's Day, Memorial Day, Fourth of July, Labor Day,
Thanksgiving Day and Christmas Day

c. Permitted Tons per Operating Day:

AVERAGE DAILY LOADING 1,821 Tons/Day
MAXIMUM DAILY LOADING 4,000 Tons/Day

Non-Hazardous - General
Non-Hazardous - Liquid Septic
Designated / Hazardous

ANY WITHIN MAXIMUM DAILY LOADING TOTAL 4,000 Tons/Day
(NONE) Tons/Day
(NONE) Tons/Day

d. Permitted Traffic Volume:

AVERAGE TOTAL 1012 Trips/Day
UP TO MAXIMUM TOTAL 1112 Trips/Day

Incoming vehicles with waste, cover and/or salvageable materials
Outgoing vehicles with salvaged materials

ANY WITHIN MAXIMUM TOTAL 1112 Trips/Day
WITHIN MAXIMUM TOTAL UP TO 50 Trips/Day

e. Key Design Parameters

	Total	Disposal	Transfer	MRF	Composting	Transformation
Permitted Area (in acres)	142 plus 5*	142	NONE	NONE	NONE	NONE
Design Capacity		24.4 MILLION C.Y.	NONE	NONE	NONE	NONE
Max. Elevation (Ft. MSL) South		1681				
Max. Elevation (Ft. MSL) North		1721				
Estimated Closure Date		2004				

* The additional 5 acres are to be used for recycling and other ancillary uses only.

The permit is granted solely to the operator named above, and is not transferable. Upon a change of operator, the permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previous issued solid waste facility permits.

6. Approval:

Pamella Bennett
Approving Officer Signature

PAMELLA BENNETT, DIRECTOR

7. Enforcement Agency Name and Address:

DEPARTMENT OF ENVIRONMENTAL
HEALTH SERVICES - LEA
SAN BERNARDINO COUNTY
385 NORTH ARROWHEAD AVE.
SAN BERNARDINO, CA 92415-0160

8. Received by CIWMB:

SEP 15 1997

9. CIWMB Concurrence Date:

OCT 22 1997

10. Permit Review Due Date:

NOV 03, 2002

11. Permit Issued Date:

NOV 03 1997

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Legal Description of Facility:

A PORTION OF SECTION 29, TOWNSHIP 1 NORTH, RANGE 5 WEST, SAN BERNARDINO BASELINE & MERIDIAN

13. Findings:

- a. The LEA certifies, pursuant to Public Resources Code [PRC] §50000(a)(5) that a facility is identified in the countywide siting element, or amendment thereto, which has been approved pursuant to PRC §41721, of the San Bernardino County Integrated Waste Management Plan which has been conditionally approved by the California Integrated Waste Management Board.
- b. This permit (with proposed changes) is consistent with standards adopted by the CIWMB (pursuant to PRC §44010), including all applicable RCRA Subtitle D requirements incorporated into Title 14 CCR.
- c. The design and operation of the facility (with proposed changes) is in compliance with State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA.
- d. This facility is in compliance with the local fire protection district's requirements, the City of Rialto.
- e. A Notice of Determination on proposed changes at the facility was filed with the State Office of Planning and Research (pursuant to PRC § 21081.6), on April 18, 1997.
- f. The authorized agent of the local governing body, the San Bernardino County Planning Department, has [pursuant to PRC § 50000.5(a)], determined that proposed changes are consistent with and designated in the applicable general plan.
- g. The authorized agent of the local governing body, the San Bernardino County Planning Department, has [pursuant to PRC § 50000.5(b)], found surrounding land use compatible with proposed changes at the facility.

14. Prohibitions:

The permittee is prohibited from accepting any non-hazard waste requiring special handling, designated waste, hazardous waste, or polychlorinated biphenyl (PCB) waste, except for the temporary storage of hazardous/PCB waste inadvertently delivered and detected in the hazardous/PCB waste screening/exclusion program, in accordance with all applicable permits, regulations, and statutes for such temporary storage. The permittee is additionally prohibited from accepting for disposal: asbestos (whether friable or non-friable), any sewage sludge, whole tires (except in accordance with 14 CCR §17355), metallic discards (except in accordance with PRC §42160 et seq.), and from allowing any open burning or scavenging.

15. The following documents also describe and/or restrict the operation of this facility:

[X]	Report of Facility Information Amendment(s)	11/94 01/95, 06/96, 09/96	[X]	PRC §50000 Certification by LEA	04/93
[X]	Periodic Site Review	10/96	[X]	SCAQMD Rule 1150.1 Monitoring Reports	various
[X]	Waste Discharge Requirements #89-70	07/89	[X]	Chapter 15 Monitoring Reports (CRWQCB/SAR)	various
	Amendment (93-57)	09/93	[X]	Planning Department Consistency Findings (County General Plan)/ Compatibility Finding	07/93
	Amendment (94-17) amended	03/94 04/94	[X]	City of Rialto Consistency & Compatibility Finding	04/92
[X]	Amendment (94-34)	04/94	[X]	NPDES (Stormwater) Permit # 8 36S005249 Notice of Intent # 91-13-DWQ	05/94
[X]	Contract Agreements for operations as amended	04/92	[X]	Financial Assurance Mechanism for Closure, Post-Closure & Corrective Action	08/15/97
[X]	SCAQMD permits	several	[X]	Enterprise Fund Letter (Pledge of Revenue)	09/28/94
[X]	SCAQMD Notice and Order # 3838-5	04/94	[X]	Preliminary Closure/Postclosure Plan: Approved	05/23/96
[X]	Notice of Determination - COB filing	04/97		Amended	03/97
[X]	Mitigation Monitoring/Reporting (Compliance) Program	04/97	[X]	Certificate of Self-Insurance	12/17/92
[X]	Subtitle D "Footprint" Documentation	10/09/93	[X]	County Indemnification Contract (DEHS/SWMD)	08/15/94
[X]	DEHS Hazardous Waste Permits, Handling & Generator Permits	various			
[X]	CAL-DTSC (Generator) ID # CAD982485724	01/26/90			

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1b. Self Monitoring: In addition to self-monitoring programs and the California Environmental Quality Act (CEQA) mitigation monitoring and reporting program described in other documents controlling this facility, the following programs shall be reported to the LEA and others as follows:

Program	Reporting Frequency	Agency Reported To
Summary of daily records (in tons/day) per: solid waste received, salvaged/recovered materials leaving site (per type and daily visual estimate of recovered materials stored on-site (in weight, volume or count per type).	Quarterly *	LEA *
Summary of daily motor vehicle counts (vehicles/day) per vehicle type: entering with solid waste, entering with cover material, and leaving with recovered materials.	Quarterly *	LEA *
Summary of public complaints received, regulatory notices received, and the operator's responses/corrective actions taken.	Quarterly *	LEA *
Summary of entries in Log of Special/Unusual Occurrences and operator's responses/ corrective actions taken.	Quarterly *	LEA *
Summary of record-keeping specified in the Hazardous/PCB/Prohibited Waste Screening/ Exclusion Program including: quantities and types of materials discovered, responses/ corrective actions taken, interim/ final disposition of materials and public education activities.	(per DEHS-Haz-Mat *)	LEA, DEHS-HAZ-MAT *
Vector inspection/control program (as may be specified in the RDSI).	(per SBCVCD *)	LEA, San Bernardino County Vector Control District (SBCVCD) *
Water quality control of contaminants - monitoring, reporting and remediation to include: Waste Discharge Requirements, Clean-up & Abatement Orders/Workplans/ Remediation Schedules, and NPDES Permits.	(per CRWQCB/SAR *)	LEA, California Regional Water Quality Control Board, Santa Ana Region (CRWQCB/SAR) *
Management of LFG emissions and migration; and related Air Quality programs including: landfill gas (LFG) monitoring / control / reporting and remediation / Abatement Orders / Workplans (1150.1 and Title 14); fugitive dust (PM ₁₀), and SCAQMD equipment permits.	(per SCAQMD *) (per Title 14)	LEA, South Coast Air Quality Management District (SCAQMD) *
(* = Reporting due by the 15th of the month following the end of the reporting period, or when due as specified by the controlling regulatory authority.)		(* = Plus reporting to all other local, state and federal regulatory authority with jurisdiction at the facility.)

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36-AA-0055**17. LEA Conditions:**

[NOTE: LEA conditions listed here shall be in addition to conditions of other documents controlling operation of this facility.]

1. The operator shall comply with all State Minimum Standards for Solid Waste Handling and Disposal as specified in Title 14 California Code of Regulations (CCR). The operator shall not operate this facility without possession of all required permits/ regulatory approvals. The operator shall inspect the site at least once each day of operation to ensure compliance with all applicable standards/ conditions/ mitigations/ permits/ regulations.
2. The operator shall comply with all federal, state, and local requirements and enactments including all mitigation and monitoring measures developed in accordance with any certified environmental document filed pursuant to Public Resources Code Section (PRC) §21081.6, and all administrative/ enforcement orders of all regulatory agencies with jurisdiction at this facility.
3. The operator shall maintain a complete copy of this Solid Waste Facilities Permit (SWFP), of all other required regulatory permits and of all regulatory inspection reports, at the facility at a location readily accessible to facility personnel, LEA staff and other regulatory personnel.
4. Additional information concerning the design/ operation of this facility shall be furnished upon request to the LEA and other regulatory personnel.
5. The operator shall notify the LEA in writing [with proposed amendments to the Report of Facility Information (RFI)], at least one hundred fifty (150) days in advance of proposed significant changes (as determined by the LEA), in the design/ operation of the facility to allow for early consultation, completion of all required documents/ due process review/ filing and the completion of all related permitting processes. Such notification shall include changes (including new additions) of: processing/ composting/ baling/ materials recovery facility (MRF)/ transfer station and/or transformation facility, changes in permitted hours/ days of operation, permitted tons/day per category, permitted traffic volumes/day per category, permitted total area, disposal footprint, maximum elevation, maximum depth of waste, and/or estimated closure year, which may be later proposed for this facility.

This facility is authorized to conduct limited salvaging and to store recovered materials (if such salvaging/ storage is properly described in the RDSI or amendments thereto) for brief periods of time [not to exceed thirty (30) days for any category of material] and only in closable durable containers as specified by the LEA. Such limited salvaging/ storage shall only be conducted as pre-approved by the LEA to preclude the creation of health hazards or public nuisances. The facility shall not be used as a composting facility, materials recovery facility (MRF), processing facility, transfer station and/or transformation facility. No crushing, bailing, grinding, mechanical sorting, composting, or other processing shall occur at the facility location except as the LEA may give prior written approval for brief [less than thirty (30) day] experimental/ pilot project type programs.

7. The LEA reserves the right to suspend and/or modify operations at this facility when deemed necessary due to any emergency, potential health hazard, and/or public nuisance.
8. This SWFP is subject to review by the LEA and may be suspended, revoked or modified at any time for sufficient cause.
9. As outlined in Section 16, the operator shall maintain at the facility, accurate daily records of the tonnage/day and number of vehicles/day per: incoming solid waste, incoming liquid septic waste, outgoing recovered material (per category); and an estimate (by weight, volume or count) of the total amount of recovered material (per category) stored on-site for brief periods of time. Such records shall be readily accessible at the facility to the LEA/ other regulatory personnel. A written summary of such tons/day per category, vehicles/day per category, and estimates/day per category, shall be furnished quarterly to the LEA within fifteen (15) days of the end of each quarter.
10. As outlined in Section 16, the operator shall furnish a written summary of all written complaints (including all regulatory notices such as: Notices of Violation, Notice and Orders, Clean-up & Abatement Orders) concerning the facility received by the operator during a quarter, and the operator's responses/ corrective actions taken, to the LEA within fifteen (15) days of the end of each quarter.
11. As outlined in Section 16, the operator shall maintain at the facility, a log of special/unusual occurrences (S/U O). The log shall include, but not be limited to: fires, explosions, discharges of unusual waste, significant incidents of personal injury, accidents and/or property damage. Each log entry shall be accompanied by a summary of the responses/ corrective actions taken by the operator to mitigate any negative impacts of each occurrence. Days without incidents of S/U O shall be noted with an appropriate negative entry for such days such as: "No S/U O today". The operator shall maintain this log at the facility in a manner readily accessible to facility personnel and to the LEA/ other regulatory personnel. A written summary of the log entries during a quarter shall be furnished to the LEA within fifteen (15) days of the end of each quarter.

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17. LEA Conditions (continued):

12. The operator shall maintain an LEA approved hazardous/ PCB/ prohibited waste screening/ exclusion (loadchecking) program at the facility which will adequately protect public health and the environment from illegal on-site disposal of hazardous/ PCB/ prohibited wastes. It shall include not less than forty (40) hours per week of on-site loadchecking by personnel trained in such activities. Signs, brochures, and/or other appropriate communication measures shall be utilized by the operator to direct site users to the nearest Household Hazardous Waste (HHW) collection facility, and inform site users of pending HHW Round-up activities scheduled for communities within the site's waste-shed. A written summary of all program activities/ results during a quarter shall be furnished to the LEA within fifteen (15) days of the end of each quarter.
13. The operator shall comply with the requirements of all applicable laws pertaining to employee health and safety including maintaining an up-to-date written CAL-OSHA Injury Illness Prevention Program (IIPP) - (pursuant to Title 8 CCR), on-site and readily available for review by all facility personnel and by the LEA staff and other regulatory personnel. The IIPP shall include a comprehensive training plan, availability of all necessary on-site work/ protection/ safety equipment, and adequate on-site first aid supplies. Whenever personnel are at the facility they shall have immediate radio and/or telephone access to a 911 emergency dispatcher.
14. The operator shall maintain an adequate vector monitoring/control program with updates as directed by the San Bernardino County Vector Control District (SBCVCD).
15. The operator shall comply with all Waste Discharge Requirements, Clean-Up & Abatement Orders, monitoring, remediation schedules and related requirements of the California Regional Water Quality Control Board, Santa Ana Region (CRWQCB/SAR). The operator shall provide in the operating record and to the LEA, a CRWQCB/SAR approved unsaturated zone monitoring program and approved statistical analysis groundwater samples. Degradation of waters connected to this site shall be promptly remediated in the manner specified the CRWQCB/SAR.
16. The operator shall submit information to the LEA indicating compliance with all rules of the South Coast Air Quality Management District (SCAQMD) including: landfill gas (LFG) monitoring/ control (1150.1 compliance), fugitive dust (PM₁₀) control and SCAQMD equipment permits. The operator shall take every reasonable precaution to control fugitive dust emissions including the use of water and dust palliatives. The operator shall annually assess the need for and implement adequate LFG monitoring/ venting/ collection programs, as may be required by federal, state, (14 CCR Sec. 17258.23 (a)(b)) regional, and/or South Coast Air Quality Management District standards/ rules. All required SCAQMD permits shall be obtained/ retained. The operator shall properly maintain all facility equipment and structures according to the manufacturer's specifications and good engineering/ maintenance practices.
17. The operator shall use all reasonable measures to avoid "taking" of threatened, endangered, rare, and/or sensitive species.
18. The active disposal cell and tipping table shall be at all times sufficiently surrounded by portable litter-control fencing and supported with sufficient litter picking personnel, to preclude significant amounts of litter [greater than one (1) cubic yard uncompacted density] from accumulating off-site. On-site and off-site litter shall not be allowed to accumulate. The operator shall maintain a high winds closure/reduced operations policy and the facility shall be operated in accordance with the policy.
19. At all times the site perimeter shall be provided with adequate security gates and fencing in good repair (or equivalent effective barriers). Adequate security gates and fencing shall be in good repair.
20. A qualified geotechnical consultant shall prepare a stability analysis of the site, if a slope ratio steeper than three-to-one (3:1) will be utilized at any portion of the site. Any measures required in the geotechnical study to ensure that the landfill does not cause a threat to life or property, shall be implemented. The study shall include an engineering analysis that identifies construction requirements designed to withstand the maximum probable earthquake or maximum credible earthquake (pursuant to Title 23 CCR Chapter 15). The study shall be reviewed and approved by the LEA and the CIWMB prior to its implementation.
21. Waste and cover material shall be spread and compacted utilizing methods to maximize compaction and to decrease the attraction of animals, birds and vectors to the site. Personnel shall not secure the site at the end of the operating day until the operator's inspection confirms that at least six (6) inches of compacted cover has been deposited over all waste and sufficient to prevent such attraction.
22. Alternatives to soil cover, shall be reviewed and approved by the LEA prior to their implementation.
23. The operator/contractor shall take immediate and independent action to prevent and suppress fires on the project area, and shall require employees to do likewise. The facility shall be maintained with a clearance of flammable material for a minimum distance of one hundred fifty (150) feet from the periphery of any exposed flammable solid waste, or additional minimum flammable clearance provisions determined by the local fire protection agency (pursuant to PRC §4373).

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LEA Conditions (continued)

24. The operator shall properly equip and maintain noise attenuation and spark arrestor devices (such as mufflers) on all combustion engines utilized at this facility. All equipment components shall be maintained in good mechanical condition and properly operated to prevent excessive noise levels and circumstances capable of starting accidental fires.
25. Adequate noise attenuation buffers shall be installed to ensure that noise levels as a result of daytime operations are maintained at or below the sixty (60) dBA threshold at any point off-site at a distance of one hundred (100) feet from the facility boundary, or if any noise levels are deemed to exceed the prescribed threshold limits for sensitive noise receptors, pursuant to the San Bernardino County (SBCo) General Plan, SBCo Code, Development Code and Guidelines, and/or exceed the City of Rialto and/or the City of Fontana Noise Element Guidelines. Should nighttime recycling operations be approved, the operator shall ensure that a 50 dBA sound level is not exceeded at the nearest sensitive receptor location as a result of such nighttime operations.
26. The operator shall maintain a comprehensive site surface drainage and erosion control plan for the facility, which prevents significant erosion and siltation impacts both on-site and downstream of the site. The design shall promote positive sheet-flow run-off from all deck areas and side-slopes to the run-off collection system with no significant erosion. The operator shall provide an adequate sedimentation basin to prevent downstream siltation/ deposition, and to ensure that no negative off-site impacts occur. The operator shall prepare and implement an emergency remedial measures plan for sudden/ great storm events. A copy of the plan shall be furnished to the LEA within nine (9) months of SWFP issuance.
27. A qualified landscape architect or botanist shall prepare and implement a revegetation/ landscape plan for the site within one (1) year of SWFP reissuance. The plan shall provide for an effective vegetative cover with native drought-tolerant vegetation on disturbed surfaces in those portions of the site where disposal activities have ceased. An effective vegetation cover shall be fifty (50) percent coverage of the revegetated areas without permanent irrigation after a five (5) year period.
28. The operator shall provide final cover over all areas in accordance with the final grading plan and commence revegetation in accordance with the approved revegetation plan. Where and when final elevation has been attained or a discrete segregated area of the site can no longer receive waste, final cover shall also be provided.
29. The operator shall obtain/ maintain all necessary easement agreements with plot plans showing the location of all utilities crossing the site. Copies of such agreements/ plot plans shall be provided to the LEA in a timely manner.
30. Site entry signs shall prominently display all required regulatory information.
31. The operator shall provide temporary or permanent exterior night lighting for any and all operations that occur after dusk. All light from permanent and temporary night lighting shall be focused to ensure that the area of illumination is confined to the landfill or within the County owned property boundaries.
32. No permanent or temporary structures, including scale pits, shall be constructed/ placed on or adjacent to the fill area unless approved by the LEA.
33. The green material (ADC) shall be used within forty-eight (48) hours of delivery to the landfill. The green material (ADC) at the landfill shall not, under any circumstances, be exposed longer than 21 days.
34. The operator must apply green material (ADC) to a minimum compacted depth of six (6) inches.
35. The green material (ADC) shall not be used during periods of precipitation (rain and/or snow). The use of green waste during windy conditions, exceeding 45 mph, will be discontinued and soil will be used for daily cover. The green waste stockpile may require water to be applied to control blowage of the processed material.
36. The operator will immediately revert to soil cover if violations of the performance standards (thresholds) occur.
37. The operator will comply with ADC requirements of reporting to the LEA the quantities of ADC used.
38. The operator shall comply with all current and/or future ADC regulations.

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